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FLAMMABILITY TEST REPORT

Report No.: LEI18013647A **Date Received:** 22/01/18 **Date Tested:** 26/01/18 **Date Issued:** 26/01/18

Company Name & Address: CIECH PIANKI SP. Z O O
UL. WOJSKA POLSKIEGO 65
85-825 BYDGOSZCZ
POLAND

Contact Name: KATARZYNA PRZYJEMSKA

Sample Details

Reference No.:	Not stated
Order No.:	Not stated
Style No.:	PU foam number CM-3040 (CM-30150)
Batch No.:	1049
Quality:	Apparent density: 28.7 kg/m³, medium hardness: 4.0 CLD
Colour:	White
Supplier:	Ciech Pianki Sp. z o.o.
Intended Use:	Not stated
Retailer:	Ikea
Buying Division:	Not stated
Sample Description:	White coloured polyurethane foam

Test Method	Pre Treatment	Flammability Performance Requirements	Result
BS 5852: Part 2: 1982, Ignition source 5 (Crib 5). As modified by Schedule 1 Part 1 of the Furniture & Furnishings (Fire) (Safety) Regulations 1988 (As Amended).	None	As Schedule 1 Part 1 (Ignition test for polyurethane foam in slab or cushion form) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	**Complies**

~~STEVEN OWEN~~	ANDREW HALLETT	~~CAROLE SPOWART~~	~~GREGORY JAMES~~
~~(Technical & Operational Excellence Manager)~~	(Flammability Team Leader)	~~(Flammability Administrator)~~	~~(Flammability Technician)~~

ITS Testing Services (UK) Ltd
Registered in England No. 1408264. Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ

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Filling Specification

Filling Type:	Polyurethane foam
Density / Hardness:	28.7 kg/m³ / 4.0 CLD
Cover Fabric:	Standard test fabric as detailed in Schedule 1 Part 1 of The Furniture (Fire) (Safety) Regulations 1988 (as amended).

Conditioning

Prior to Testing:	At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%
At Time of Testing:	Temperature between 15°C & 30°C. Relative humidity between 20% & 70%

Test Results

"The following test results relate only to the ignitability of the combination of upholstery composites under the particular conditions of test; they are not intended as a means of assessing the fully potential fire hazard of the materials in use."

Pass / Fail Criteria	Initial test		Repeat test	
Progressive smouldering failure				
Externally detectable amounts of smoke, heat or glowing 60 min after crib ignition	No		No	
Escalating smouldering behaviour rendered the test unsafe to continue and required forcible extinction	No		No	
Smouldering essentially consumed the test specimen within the duration of the test	No		No	
Flaming failure				
The test specimen continued to flame for more than 10 minutes after the ignition of the crib	No		No	
Escalating combustion behaviour rendered the test unsafe to continue and required forcible extinction	No		No	
Flaming essentially consumed the test specimen within the duration of the test	No		No	
Final examination				
Progressive smouldering was observed when the sample was dismantled	No		No	
Comments				
Time to extinction of flames after crib ignition	3 Minutes 34 Seconds		3 Minutes 54 Seconds	
Time to extinction of glowing after crib ignition	Due to the position of the crib within the test specimen it was not possible to see when glowing ceased		Due to the position of the crib within the test specimen it was not possible to see when glowing ceased	
Time to extinction of smoke after crib ignition	Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased		Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased	
Maximum extent of damage to back (mm) Length / Width	400	192	400	160
Maximum extent of damage to base (mm) Length / Width	153	200	155	192
The resultant mass loss exceeded 60g	No (35g)		No (37g)	
Test Result	**PASS**		**PASS**	

Conclusions

The sample tested meets the requirements of Schedule 1 Part 1 (Ignition test for polyurethane foam in slab or cushion form) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS.**

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